

LIEBHERR

CONSTRUCTION EQUIPMENT



[[FOUNDATION SERVICES]] LIEBHERR LRB18 110900 - Left Final Drive

Sample No: LH06060474

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH06060474	---	---	---
Sample Date	22 Dec 2023	---	---	---
Machine Hours	2019	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

FINKBINER EQUIPMENT CO.
 15 W 400 N FRONTAGE RD
 BURR RIDGE, IL
 US 60527
 Contact: TROY MILLER
 tmiller@finkbiner.com
 T: (630)654-3700
 F: (630)654-3792



OIL CONDITION

Visc @ 40°C	cSt	● 195	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 9	---	---	---
Sodium	ppm	● 6	---	---	---
Potassium	ppm	● 5	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	● 215	---	---	---
Copper	ppm	● 0	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 3	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 40	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 28	---	---	---
Phosphorus	ppm	● 1359	---	---	---
Barium	ppm	● 33	---	---	---
Boron	ppm	● 7	---	---	---

Depot: LEC0033
Unique No: 10831856
Signed: Don Baldrige
Report Date: 16 Jan 2024



GRAPHS

